

CLAIMS

1. A disposable absorbent article to be worn by a user comprising an absorbent body (104) and a cover enclosing the same, which on a first side, facing the user in an in-use position, displays a fluid-pervious surface layer (102) and on a second side, facing away from the user in an in-use position, displays a fluid-impervious surface layer (103), wherein the fluid-pervious surface layer (102) comprises an impregnation comprising at least one hydrophilic organic solvent having a low vapour pressure at room temperature.
2. The absorbent article according to claim 1, wherein the organic solvent has a vapour pressure less than or equal to 1 mm Hg at 40°C.
3. The absorbent article according to claim 1, wherein the organic solvent has a high oxygen content.
4. The absorbent article according to claim 1, wherein the hydrophilic organic solvent is selected from the group consisting of alcohols, ethers, glycol ethers, polyether alcohols, and a mixture thereof.
5. The absorbent article according to claim 4, wherein the hydrophilic organic solvent is glycerol.
6. The absorbent article according to claim 1, wherein the hydrophilic organic solvent is ethylene glycol, polyethylene glycol, 2-ethoxyethanol, 1,1'-oxybis(2-ethoxy) ethane, 1,1'-oxybis[2-methoxyethane], 2,2'-oxybisethanol, 2-methyl-2,4-pentane diol, propylene glycol, triethylene glycol, 1,3-butylene glycol, 2,3-butylene glycol, tetraglyme, or a mixture thereof.
7. The absorbent article according to claim 1, wherein the impregnation further comprises an acid.

8. The absorbent article according to claim 7, wherein the acid is lactic acid.

5 9. The absorbent article according to claim 3, wherein the oxygen content is at least 30%.

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